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PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.  
2846.1001-028APPLICATION NO.  
10/090,418INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

September 26, 2002

(Use several sheets if necessary)

APPLICANT  
David A. Edwards, et al.Confirmation No.  
8180FILING DATE  
March 1, 2002GROUP  
1617

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
He	AA	5,997,848	7-Dec-99	Patton, et al.
	AB	5,642,728	01-Jul-97	Anderson, et al.
	AC	5,518,998	21-May-96	Bäckström, et al.
	AD	5,506,203	09-Apr-96	Bäckström, et al.
	AE	5,855,913	05-Jan-99	Hanes, et al.
	AF	5,985,309	16-Nov-99	Edwards, et al.
	AG	5,874,064	23-Feb-99	Edwards, et al.
	AH	5,260,306	9-Nov-93	Boardman, et al.
	AI	5,690,954	25-Nov-97	Illum
	AJ	5,707,644	13-Jan-98	Illum
	AK	5,804,212	08-Sep-98	Illum
	AA2	5,145,684	08-Sep-92	Liversidge, et al.
	AB2	5,830,853	03-Nov-98	Bäckström, et al.
	AC2	5,612,053	18-Mar-97	Baichwal, et al.
	AD2	4,590,206	20-May-86	Forrester, et al.
	AE2	4,741,872	03-May-88	De Luca, et al.
	AF2	4,818,542	04-Apr-89	De Luca, et al.
	AG2	4,904,479	27-Feb-90	Illum
	AH2	5,160,745	03-Nov-92	De Luca, et al.
	AI2	5,069,936	03-Dec-91	Yen
	AJ2	5,851,453	22-Dec-98	Hanna, et al.
	AK2	5,795,594	18-Aug-98	York, et al.
MD	AA3	6,063,138	16-May-00	Hanna, et al.
EXAMINER	<i>M. J. [Signature]</i>		DATE CONSIDERED	07/17/03

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 2846.1001-028		APPLICATION NO. 10/090,418	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION FOR PATENT		APPLICANT David A. Edwards, et al.		Confirmation No. 8180	
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
40	AL	0 072 046 A	16-Feb-83	EPO			
	AM	WO 99/16419	08-Apr-99	PCT			
	AN	WO 99/16420	08-Apr-99	PCT			
	AO	WO 99/16421	08-Apr-99	PCT			
	AP	WO 99/16422	08-Apr-99	PCT			
MD	AQ	WO 97/36574	29-Mar-96	PCT			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AL	AR	Hrkach, et al., "Synthesis of Poly(L-lactic acid-co-L-Iysine) Graft Copolymers," <i>Macromolecules</i> , 28:4736-4739 (1995).
	AS	Hrkach, et al., "Poly(L-Lactic acid-co-amino acid) Graft Copolymers: A Class of Functional Biodegradable Biomaterials: in Hydrogels and Biodegradable Polymers for Bioapplications. ACS Symposium Series No. 627, Raphael M. Ottenbrite et al., Eds., American Chemical Society, Chapter 8, pp 93-101 (1996).
	AT	Komanda, et al., "Intratracheal Delivery of Peptide and Protein Agents: Absorption of Solution and Dry Powder by Rat Lung," <i>J. Pharm. Sci.</i> , 83(6):863-867 (June, 1994).
	AU	Edwards, "The Macrotransport of Aerosol Particles in the Lung: Aerosol Deposition Phenomena," <i>J. Aerosol Sci.</i> , 26:293-317 (1995).
	AV	Newman, S., "Aerosol Deposition Considerations in Inhalation Therapy," <i>Chest</i> , 88:152S-160S (1985).
	AW	Langer, "New Methods of Drug Delivery," <i>Science</i> , 249:1527-1533 (1990).
	AX	Gonda, "Aerosols for Delivery of Therapeutic and Diagnostic Agents to the Respiratory Tract," in <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 6:273-313 (1990).
	AY	Gonda, "Preface. Major Issues and Future Prospects in the Delivery of Therapeutic and Diagnostic Agents to the Respiratory Tract," <i>Adv. Drug Del. Rev.</i> , 5:1-9 (1990).
W	AZ	Gonda, "Physico-chemical Principles in Aerosol Delivery," in <i>Topics in Pharmaceutical Sciences 1991</i> , Crommelin, D.J. and K.K. Midha, Eds., Medpharm Scientific Publishers, Stuttgart, pp. 95-117 (1992).

EXAMINER

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07/14/07

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4D	AR2	Gonda, "Targeting by Deposition," in <i>Pharmaceutical Inhalation Aerosol Technology</i> (ed. A.J. Hickey), Marcel Dekkar Inc., New York (1992).			
	AS2	Zanen, P. et al., "The Optimal Particle Size for Parasympatholytic Aerosols in Mild Asthmatics," <i>Inter. J. of Pharm.</i> , 114:111-115 (1995).			
	AT2	Heyder and Rudolf, "Mathematical Models of Particle Deposition in the Human Respiratory Tract," <i>J. Aerosol Sci.</i> , 15:697-707 (1984).			
	AU2	Heyder et al., "Total Deposition of Aerosol Particles in the Human Respiratory Tract for Nose and Mouth Breathing," <i>J. Aerosol Sci.</i> , 6:311-328 (1975).			
	AV2	Hicky et al., "Use of Particle Morphology to Influence the Delivery of Drugs From Dry Powder Aerosols," <i>J. Biopharmaceutical Sci.</i> , 3(4):107-113 (1992).			
	AW2	Edwards et al., "Large Porous Particles for Pulmonary Drug Delivery," <i>Science</i> , 276:1868-1871 (1997).			
	AX2	Masinde and Hickey, "Aerosolized Aqueous Suspensions of Poly(L-lactic Acid) Microspheres," <i>Int. J. Pharmaceutics</i> , 100:123-131 (1993).			
	AY2	Wichert B. and Rohdewald P., "Low Molecular Weight PLA: A Suitable Polymer for Pulmonary Administered Microparticles?," <i>J. Microencapsulation</i> , 10(2):195-207 (1993).			
	AZ2	French, Edwards, and Niven, "The Influence of Formulation on Emission, Deaggregation and Deposition of Dry Powders for Inhalation," <i>J. Aerosol Sci.</i> , 27:769-783 (1996).			
	AR3	Tabata and Ikada, "Effect of Size and Surface Charge of Polymer Microspheres on Their Phagocytosis by Macrophage," <i>J. Biomed. Mater. Res.</i> , 22:837 (1988).			
	AS3	Timsina et al., "Drug Delivery to the Respiratory Tract Using Dry Powder Inhalers," <i>Int. J. Pharm.</i> , 101:1-13 (1994).			
	AT3	Zeng et al., "The Controlled Delivery of Drugs to the Lung," <i>Intern. J. of Pharm.</i> , 124:149-164 (1995).			
	AU3	Ménache et al., "Particle Inhalability Curves for Humans and Small Laboratory Animals," <i>Ann Occup. Hyg. Vol.</i> , 39(3):317-328(1995).			
	AV3	Mathiowitz et al., "Novel Microcapsules for Delivery Systems," <i>Reactive Polymers</i> , 6:275-283 (1987).			
MD	AW3	Mathiowitz, et al., "Morphology of Polyanhydride Microsphere Delivery Systems," <i>Scanning Microscopy</i> , 4(2):329-340 (1990).			
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[Signature]		07/14/02			

